

KIVETON PARK
Rural District Council.

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Year 1914.

Area in Acres, exclusive of Water, 19,961.425.

Population, 14,650.

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Kiveton Park Rural District Council.

REPORT

OF THE

DEPUTY MEDICAL OFFICER OF HEALTH

For the Year 1914.

Area in Acres, exclusive of Water, 19,961.425.

Population, 14,650.

*To the Chairman and Members of the Kiveton Park Rural
District Council.*

GENTLEMEN,

In the absence of your Medical Officer of Health, who is on active service abroad, with the the Royal Army Medical Corps, I have pleasure in presenting my Report on the Health of your District for 1914. I would ask for your leniency and kind consideration, as the work is new to me.

The number of inhabited houses on June 30th, 1914, was 2,930. Estimating the occupants at five per house, this gives a population of 14,650.

The number of Births registered during the year was 462, Males 251, Females 211. There were nine illegitimate. This gives a Birth Rate of 31.53, which is an improvement on last year, though not so high as in 1912. It is however much higher than that of England and Wales, and the 97 great towns, as you will observe if you compare the figures on the comparison of Vital Statistics which I have prepared.

Mortality.

The Death Rate is obtained by adding the deaths of persons formerly resident in Institutions outside the District. There were 188 registered in the District, and 17 of residents not registered in the District. This gives a Death Rate of 13.99, which is higher than we have had for some years. There were four uncertified deaths. Of the total number of deaths 205, 107 were Males and 98 Females.

The principal causes of death were as follows:—

Enteric Fever	...	...	1	Rheumatic Fever	...	...	2
Cerebral Hæmorrhage	...	...	8	Organic Heart Disease	...	...	12
Measles	...	...	24	Bronchitis	...	...	13
Scarlet Fever	...	...	3	Pneumonia	...	...	18
Whooping Cough	...	...	4	Other Respiratory Diseases	...	...	3
Diphtheria	...	...	4	Diarrhœa and Enteritis	...	...	5
Influenza	...	...	5	Appendicitis	...	...	2
Senile Decay	...	...	10	Cirrhosis of Liver	...	...	3
Phthisis	...	...	6	Nephritis & Bright's Disease	...	...	5
Tuberculous Meningitis	...	...	1	Violent Deaths	...	...	12
Cancer	...	...	6				

For other causes I refer you to Table III. The Zymotic Death Rate was .3. This is higher than that of 1913, although considering we had such a severe epidemic of Infectious Disease it is very satisfactory.

The Death Rate from Phthisis was .4. This also is satisfactory.

Infantile Mortality.

52 Infants died under one year, five less than in 1913. This gives an Infantile Death Rate of 112 per 1000 Births, which is an improvement on the previous year. There was remarkably little Diarrhœa this last year as compared with other years, only five deaths occurring at all ages from this cause.

The principal causes of death were:—

Measles	...	...	5	Gastritis	...	...	2
Convulsions	...	...	4	Syphilis	...	...	1
Bronchitis	...	...	3	Premature Birth	...	...	13
Pneumonia	...	...	4	Debility	...	...	7
Diarrhœa	...	...	3				

From the above list you will observe that only three infants died from Diarrhœa as compared with nine the previous year.

For other causes see Table IV.

Infectious Diseases.

I am sorry to have to record a large increase in the number of Infectious Diseases during the past year.

They were as follows :—

Diphtheria ...	...	...	75	Enteric Fever ...	...	1
Erysipelas ...	...	...	7	Puerperal Fever ...	...	1
Scarlet Fever ...	...	...	93	Pulmonary Tuberculosis ...	...	20

Other forms of Tuberculosis, 2.

59 cases of Diphtheria were removed to hospital, the rest being treated at home. Four deaths occurred from this disease. 85 cases of Scarlet Fever were removed to the Isolation Hospital, many of the other cases had to be nursed at home, owing to the accommodation at the hospital being insufficient to meet the needs of an epidemic of such proportions.

Only three deaths occurred from Scarlet Fever, and these were complicated with Diphtheritic Throats.

The Enteric Fever case, I regret to say, ended fatally—the patient being too ill at the time of notification, was nursed at home. Of the 20 cases of Tuberculosis (Pulmonary) six were treated either in Hospital, Sanatoria or Dispensary. Of the remaining cases of other forms of Tubercular Disease, one was treated in the Royal Hospital, Sheffield, and the other at home. Considering the very large number of cases of Notifiable Disease, it is remarkable that so few deaths occurred.

If you compare the number of deaths from Scarlet Fever, Diphtheria and Enteric, you will notice how few they are in comparison with the number from Measles. I believe your Medical Officer has pointed out to you before what a terribly fatal disease Measles is, and the 24 deaths of children recorded last year proves this conclusively. I am of opinion that overcrowding is largely responsible for the epidemic assuming such proportions.

According to the Sanitary Inspector's Report, which is appended, no fewer than 222 houses contained two families, and nine had three families as occupiers. There is no doubt at all that school attendance has something to do with the spread of Infectious disease, but then again, if the schools are closed in populous districts, exclusion from school gives the children more opportunities for gathering together for play, or for visiting picture palaces, &c.

From many homes in the District, several cases were removed. In one instance, five children from Scarlet Fever, and two from Diphtheria.

In the Annual Report of the Medical Superintendent of the Isolation Hospital, I noticed that he urges the need for extra accommodation, but I hope that shortly the epidemic will abate and the need for this be lessened.

Full advantage has, I believe, been taken by the Medical Practitioners of the bacteriological examinations of specimens at the County Hall, Wakefield.

There happily no longer seems to be so much prejudice among the people against sending their children to the Isolation Hospital. They appear to realise that the skilled nursing, special diet and care they receive, are such as cannot be obtained in their own homes. Occasionally, one still comes across parents who refuse to have their children removed. Where this is the case and the patient is nursed at home, overcrowding should be prevented and the sick room should be, as far as possible, free from persons who are not in attendance upon the patient.

The other members of the family should remove, while free from the disease, to some other lodging. Ample ventilation should be enforced. It should be seen that windows are made to open, and that they are sufficiently opened. Also that the chimney is free from obstruction. Strict cleanliness should be observed. Refuse matter should be quickly removed and destroyed, and articles that have to be cleaned or disinfected should be cleansed or disinfected without delay. It should be remembered that sunlight and fresh air are amongst the finest disinfectants and cost nothing.

The Schools.

On many occasions during the past year your Medical Officer visited the Schools. It was found necessary to close the School at West Thorpe, in February, for an epidemic of Measles

In April, the Infant Schools were closed at Kiveton Park, on account of Measles.

In September, the Schools at both Anston and Dinnington were closed for the same disease.

At Woodsetts the Schools were closed for Measles, on October 29th. There was also an epidemic of Chicken-pox at Woodsetts in February, 1914, 50% of the children being absent from School suffering from this complaint, but the Schools were not closed.

On October 19th, Wales Schools were closed on account of Scarlet Fever.

In December, it was found necessary to close both Thorpe Salvin and Kiveton Park Infants' Schools on account of Whooping Cough.

Sanitary Conditions.

I think the Sanitary conditions in the District are satisfactory. The village of Harthill is now scavenged. The work of extending the Sewage Disposal Works at Dinnington and Wales will shortly be commenced. Many inspections have been made during the year by your Medical Officer of Health and the Sanitary Inspector.

Water Supply.

Extensions of Water Mains at Anston and Dinnington have been made during the year. Wells in various parts of the District have been condemned and closed.

Milk Supply.

There are 79 Cowkeepers in the District and the total number of Cowsheds are 103. 27 samples of milk have been taken by Officers of the Sanitary Authority for analysis under the Food and Drugs Act. Three were found to be adulterated. No disease has been attributed to milk during the year. Three animals were notified by Police under Tuberculosis Order 1913. There are approximately 547 milch cows in the District. The cow-sheds are inspected frequently and are in good condition.

Other Foods.

No unsound food has been exposed for sale.

Housing.

The Sanitary Inspector in his Report has given full and interesting details as to above, so that I think it will not be necessary for me to say much. There have been 118 new houses built in the District, but still more are needed.

Common Lodging Houses.

There are now two Common Lodging Houses in the District, both at Dinnington. They have been regularly inspected and found to be in a clean and tidy condition.

Notification of Births.

Compulsory Notification of Births came into force in July, and a Nurse was appointed by the County Council as Health Visitor. Advice is given to the mothers and the proper feeding and care of the infant. It is hoped that the Infantile Mortality may be greatly lessened by this means.

Physical Features.

The country is of a hilly nature, and well wooded. The soil is sandy in parts, and magnesium limestone is found to exist.

The principal occupation of the inhabitants are coal-mining, stone quarrying with lime work, and agricultural pursuits.

I am, gentlemen,

Yours obediently,

J. DOOLEY,

Deputy Medical Officer of Health.



TABLE I.

KIVETON PARK RURAL DISTRICT.

Vital Statistics of Whole District during 1914 and previous Years.

Year.	Popu- lation esti- mated to middle of each year.	Births.			Total Deaths Registered in the District		Transferable Deaths		Nett Deaths belonging to the District			
		Un- correc- ted Num- ber	Nett.				of Non- resi- dents regis- tered in the Dis- trict	of Resi- dents not regis- tered in the Dis- trict	Under 1 year of age		At all Ages	
			Num- ber	Rate	Num- ber	Rate			Num- ber	Rate per 1000 Nett Births	Num- ber	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	11802	386	386	32·79	118	9·99		7	37	95	125	10·59
1910	12940	484	484	37·4	133	10·27		16	51	105	149	11·51
1911	13422	467	467	34·79	161	11·25		13	66	141	174	12·96
1912	13555	477	476	35·11	147	10·84		11	43	90	158	11·65
1913	14070	417	418	29·63	174	12·36		15	57	136	189	13·43
1914	14650	462	462	31·53	188	12·83		17	52	112	205	13·99

At Census of 1911.

Total population at all ages ... 13,422

Total families or separate occupiers ... 2,814

Average number of persons per house ... 5

Area of District in acres (land and inland water), 19,961.425

TABLE II.

KIVETON PARK RURAL DISTRICT.

Cases of Infectious Disease notified during the year 1914.

NOTIFIABLE DISEASE.	Number of Cases Notified.							Total Cases Notified in each Locality.						Total Cases re-moved to Hos-pital	
	At all Ages	At Ages—Years.						Anston	Dinnington	Wales	Hartill with Thorpe	Todwick with St. John's	Firbeck Letwell Gildingwells		Woodsetts
		Under 1	1 and under 5 years	5 and under 15 yrs.	15 and under 25 yrs.	25 and under 45 yrs.	45 and under 65 yrs.									65 and upwards
Diphtheria (including Membranous Croup)	75	3	17	47	3	5		27	21					59	
Erysipelas ...	7				1	2	3	1	2	3	1			85	
Scarlet Fever ...	93	2	33	55	2	1		13	22	53	2	3			
Enteric Fever ...	1						1		1						
Puerperal Fever ...	1					1				1					
Pulmonary Tuberculosis	20			4	7	8	1	2	11	5	1	1		6	
Other forms of Tuberculosis ...	2			1			1		1			1		1	
Totals ...	199	5	50	107	13	17	6	43	64	83	4	4	1	151	

Isolation Hospital or Hospitals, Sanatoria, &c.—Swallownest Isolation Hospital, provided by the Kiveton Park and Rotherham Rural Districts.

(Outside the District)—Poor Law Sanatorium, Kilton Hill, Worksop.

TABLE III.
KIVETON PARK RURAL DISTRICT.

Causes of, and Ages at Death during the year 1914.

CAUSES OF DEATH.			Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non- Residents" in Institutions in the District.
			All ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and up- wards	
All causes	{ Certified	201	48	21	20	10	4	33	33	32	No Public Institution in the District.
	{ Uncertified ...	...	4	4							
Enteric Fever	...	...	1						1		
Cerebral Hæmorrhage	...	...	8							1	7
Measles	...	...	24	5	9	7	3				
Scarlet Fever	...	...	3			3					
Whooping Cough	...	...	4	1	2	1					
Diphtheria and Croup	...	...	4			4					
Influenza	...	...	5	1					2	1	1
Senile Decay	...	...	10								10
Phthisis (Pulmonary Tuberculosis)	...	...	6					1	4	1	
Tuberculosis Meningitis...	...	...	1				1				
Cancer, malignant disease	...	...	6						2	2	2
Rheumatic Fever	...	...	2				1		1		
Organic Heart Disease	...	...	12						1	4	7
Bronchitis	...	...	13	3	1			1		6	2
Pneumonia (all forms)	...	...	18	4	6	1			3	3	1
Other diseases of respiratory organs	...	...	3			2			1		
Diarrhœa and Enteritis	...	...	5	3	2						
Appendicitis and Typhlitis	...	...	2						1	1	
Cirrhosis of Liver	...	...	3							3	
Nephritis and Bright's Disease	...	...	5				3		2		
Other accidents and diseases of Pregnancy and Parturition	...	...	2	1					1		
Congenital Debility and Malform- ation, including Premature Birth	...	...	23	23							
Violent Deaths, excluding Suicide	...	...	12	1		1			6	4	
Suicide	...	...	1						1		
Other Defined Diseases	...	...	32	10	1	1	2	2	7	7	2
Totals	205	52	21	20	10	4	33	33	32	

TABLE IV.

KIVETON PARK RURAL DISTRICT.

INFANT MORTALITY.

1914. Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSES OF DEATH.	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total Deaths under 1 year
All causes (Certified ... Uncertified ...)	11 4	2	2	1	20	10	7	8	7	52
Measles ...	...	...	...	...	...	...	...	2	3	5
Whooping Cough ...	...	...	...	...	...	...	...	1	1	1
Convulsions ...	1	...	...	...	1	2	...	1	1	4
Bronchitis ...	...	1	...	...	1	1	...	...	...	3
Pneumonia (all forms) ...	...	...	...	...	...	...	2	2	...	4
Diarrhoea ...	...	...	...	...	...	1	1	1	...	3
Gastritis ...	...	...	...	...	...	1	1	...	1	2
Syphilis ...	...	...	...	...	...	...	...	...	...	1
Injury at Birth ...	1	...	...	...	1	...	...	...	...	1
Atelectasis ...	2	...	...	...	2	...	...	...	...	2
Congenital Malformations ...	1	...	...	...	1	...	...	...	...	1
Premature Birth ...	10	1	1	1	13	...	...	...	...	13
Atrophy, Debility and Marasmus ...	...	...	1	...	1	3	2	1	1	7
Other causes ...	...	...	...	...	...	2	1	1	...	5
	15	2	2	1	20	10	7	8	7	52

Nett Births in the year { Legitimate, 453
 { Illegitimate, 9

Nett Deaths in the year of Legitimate Infants, 52

ANNUAL REPORT of the Medical Officer of Health, for the year 1914, for the Rural District of Kiveton Park.

Inspection of Factories, Workshops, Workplaces, and Homework.

Including Inspection made by Sanitary Inspector or Inspector of Nuisances.

PREMISES.					Number of	
					Inspections	Written Notices
Factories	...	...	...	...	20	22
Workshops	...	...	...	...	135	
Workplaces	...	...	...	...	13	
Total	...	...	...	...	168	22

DEFECTS FOUND.

PARTICULARS.					Number of Defects	
					Found	Remedied
<i>Nuisances under the Public Health Acts :</i>						
Want of Cleanliness	...	...	...	...	13	13
Overcrowding	...	...	...	...	1	1
Other Nuisances	...	...	...	...	6	6
Sanitary accommodation unsuitable or defective					2	2
Total	...	...	...	...	22	22

REGISTERED WORKSHOPS.

Workshops on the Register at the end of the year.					Number
Bakehouses	...	...	...	...	4
Tailoring	...	...	...	...	11
Joinery	...	...	...	...	8
Printing	...	...	...	...	1
Boot Repairing	...	...	...	...	14
Smithing	...	...	...	...	7
Dressmaking	...	...	...	...	7
Millinery	...	...	...	...	1
Plumbing	...	...	...	...	2
Saddlery Repairs	...	...	...	...	1
Cycle and Motor Repairs	...	...	...	...	2
Total number of Workshops on Register	...			...	58

March 9th, 1915.

J. DOOLEY,
Deputy Medical Officer of Health.

KIVETON PARK RURAL DISTRICT.

Annual Report of the Sanitary Inspector for the year ending 1914.

*To the Chairman and Members of the Kiveton Park Rural
District Council.*

GENTLEMEN,

I have pleasure in submitting my Second Annual Report for the year 1914, as your Sanitary Inspector, &c.:—

Housing, Town Planning, &c., Act, 1909.

Inspections.

Dwelling-houses inspected	...	...	926
Van-Dwellings inspected	...	...	19
Houses re-inspected	...	...	714
Van-Dwellings re-inspected	...	...	25
Complaints investigated...	...	...	106
Re-inspection of work in progress	...	...	1296
Total			3086

Notices served under section 15 of the Act (repairs)

Anston	...	...	...	25
Dinnington	...	...	...	12
Harthill	...	...	...	20
Todwick	...	...	...	3
Thorpe Salvin	...	...	...	3
Wales	...	...	...	9
Waleswood	...	...	...	4
Woodsetts	...	...	...	5
Total				81

Notices served under section 17 (Closing Order).

Anston	...	...	...	5
Dinnington	...	...	...	6
Firvale	...	...	...	4
Harthill	...	...	...	1
Thorpe Salvin	...	...	...	1
Turnerwood	...	...	...	1
Woodsetts	...	...	...	2
Wales	...	...	...	4
Woodall	...	...	...	1
Total				25

Notice to occupying tenant of Closing Order which has become operative.

Anston	...	...	7
Dinnington	...	...	3
Firvale	...	...	4
Harthill	...	...	1
Thorpe Salvin	...	...	1
Woodsetts	...	...	2
Wales	...	...	4
Woodall	...	...	1
Total			23

Notice to Owner of time and place at which the question of the demolition of a dwelling-house will be considered.

Anston	...	...	5
Dinnington	...	...	1
Firvale	...	...	4
Thorpe Salvin	...	...	1
Woodsetts	...	...	1
Total			12

Notices served under Section 18 (Demolition).

Anston	...	...	5
Dinnington	...	...	1
Firvale	4
Woodsetts	1
Total			11

Order Determining Closing Order.

Dinnington	2
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Houses demolished voluntarily.

Dinnington	1
Harthill	1
			<hr/>
Total	2

Remedial Works.

Houses placed in habitable repair	...	...	131
Houses re-built	...	...	2
Windows made to open in houses	...	...	8
Damp and defective walls remedied	...	...	5
Accommodation for storage of food provided	...	...	2
Additional bedroom accommodation provided	...	...	2
Other additions or alterations to houses	...	...	7
Eaves and downspouts provided or repaired	...	...	57
Houses cleaned and limewashed	...	...	23
Overcrowding abated	...	...	35
Samples of water taken for analysis	...	...	35
Wells closed	...	...	32
Houses connected with water mains	...	...	215
Schools connected with water mains	...	...	2
Sanitary dustbins provided	...	...	47
Insanitary privies converted into water closets	...	...	19
Insanitary privies converted into earth (pail) closets	...	...	27
Earth (pail) closets converted into water closets...	...	...	6
Additional water closets provided	...	...	6
Drains cleansed or repaired	...	...	196
Houses connected to sewers	...	...	43
Cesspools abolished	...	...	4
Yard surfaces paved or repaired	...	...	240
New pails provided to earth closets	...	...	39
Water closets cleansed or repaired	...	...	47
Doors, &c., provided to ashpits	...	...	41
Sink waste pipes lengthened or repaired	118
Other defects remedied	85

Total	...	1474
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Number of statutory notices served	...	787
Number of informal notices served	...	602

Total	...	1389
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Grand Total	...	6105
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Housing.

Acting upon the resolution of the Council, a report upon the housing accommodation for the working classes in the whole area of the district was prepared and presented to the Council.

The summary of this report (dated April) contained the following:—

Parish or District	Houses over crowded	Cottages that will become over crowded when the children reach adult ages	Houses with three families as occupiers	Cottages with two families as occupiers	Houses with one or more lodgers	Cottages unfit for human habitation	Houses unoccupied at time of visit	Suggested number of additional cottages required to satisfactorily house the present population
Anston (N)	7	9	1	28	58	4		20
Anston (S)	2	2		3	30	1		6
Lindrick Dale				1	1	2		
Turnerwood and Cinderhill	3	1		4	3	1		4
Dinnington	32	30	5	131	216	6		155
Firbeck		2		2	8		1	
Gildingwells	2			2	3			2
Harthill and Firvale...	8	11		8	14	5		20 _x
Woodall	2			2	3	1		3
Letwell				1	5		2	
Todwick	3	1			10			3
Thorpe Salvin	2					1	1	2
St. John's Throapham				1	2		1	
Wales	1	3		4	7	4		4
Kiveton Park	18	28	2	25	34			30
Waleswood	5	5	1	7	27			8
Woodsetts	3	7		3	12	2		8
Total	88	99	9	222	433	*27	5	265

Note x Only 12 additional cottages suggested of the back-to-back houses are not converted into through houses. *18 have been added in making this total since the report was presented.

Resulting from this report it was resolved to write to the principal property and landowners in the district, also architects and builders in the district and surrounding district, asking if they had any building scheme in view or whether they are in a position to initiate any scheme to meet the requirements in any part of the Council's area.

Replies were received in five instances (from two property owners and three builders) stating they hope to build cottages as early as possible, and at the end of the year we have:—

Parish or District	New houses completed since the report was presented	Erection of cottages (work in progress)	Plans submitted but houses not yet commenced
Anston (N)	6*	1	13
Anston (S)	4x	2x	2
Lindrick Dale			
Turnerwood and Cinderhill ...			
Dinnington	85	54	70
Firbeck			
Gildingwells			
Harthill and Firvale	1x		
Woodall		2	
Letwell			
Todwick			
Thorpe Salvin	2 (re-built)		
St John's Thropham			
Wales		2	
Kiveton Park	15		
Waleswood	2		
Woodsetts	1		
Total	116	61	85

x Above the standard of working class houses.

* 2 Above the standard of working class houses.

It is very pleasing and interesting to note that the Council's request for the erection of additional cottages to satisfactorily house the working class population in the district has met with a good amount of success, and that several property owners have already or are building or intend building cottages that will better accommodate the families of the population of the working classes. This is particularly shown at Dinnington, Kiveton Park and Anston, where 104 cottages have been built in reply to the Council's request for more cottages, while 55 cottages are in course of erection. In addition to these, plans have been submitted for the building of a further 85 cottages.

I am, however, of the opinion that more cottages are required in other portions of the district, and in the monthly report to the Sanitary Committee, dated December 3rd, I reported:—

“Housing.—I strongly recommend you to adopt a scheme in certain portions of the district for the erection of working class dwellings (under the housing of the Working Classes Acts) owing to private enterprise failing to provide this urgent need. Only a few days ago in Wales alone I found the following conditions existing:—

13 Church Street.—Cottage contains two bedrooms, also one livingroom and a scullery. Number of occupants eight (seven cases of infectious disease occurred at this house).

19 Church Street.—Cottage containing two bedrooms, also one livingroom and scullery. Number of occupants nine.

28 to 52 Church Street.—The conditions existing render at least three of the cottages unfit for human habitation.

42 School Lane.—This cottage is totally unfit for human habitation.

59 Wales Bar.—Cottage contains three bedrooms, also two livingrooms and a scullery. Number of occupants 11, which are members of two families (three cases of infectious disease have occurred at this house).

Again at Firvale, Harthill, a back-to-back house with two bedrooms and one livingroom contains 12 persons as occupiers. This latter cottage is so badly overcrowded that the County Medical Officer of Health has written upon the matter. It is suggested that a sub-committee be appointed to investigate the housing conditions in the Rural District and report."

A builder having recently intimated his intention of building a further number of cottages at Kiveton Park, I hope the building of these cottages will be commenced in the near future.

It is also to be hoped that private enterprise will quickly step in and erect cottages in other parts of the district where the demand for cottages exceeds the supply.

Failing this, I can only recommend the Council to take advantage of the building sections of the Housing Town Planning, &c. Act, 1909, to provide the urgent need in certain portions of the district, *i.e.*, cottages for the benefit of the working classes.

The inspection of dwelling houses is regularly carried out, and many cottages were placed in habitable repair during the year. Eighty-one notices were served under section 15 of the Act (repairing section).

House Drainage.

The inspection and examination of all new drains is carried out by the Surveyor and myself, and generally tested with the water or smoke test. Any defects found have been remedied before the drains have been allowed to be covered.

The number of inspections or examinations made by the Sanitary Inspector during the year were 137, while the existing drains of 12 houses were also tested. Several were found to be defective, and the defects remedied as early as possible.

Removal of House Refuse.

This work is done by contract in the Parishes of Anston, Dinnington, Harthill and Wales. The following table of loads removed are taken from the Contractors' weekly summary —

Parish or District	Loads removed to			Total	Amount of Contract			Contractor
	Des-truc-tor	Tips	Far-mers		£	s.	d.	
Anston		1119	467	1586	136	5	6	Mr. J. Meakin
Turnerwood and Cinderhill		34	25	59	22	0	0	Mr. J. Hunter
x Dinnington ...	320		140	460	39	10	0	Mr. J. Eames
„ ...	1151	180	458	1789	123	19	1	Mr. J. Snow
„ ...	1560	176	282	2018	168	1	4	Mr. C. Wigmore
Harthill		770	72	842	33	19	0	Mr. C. Staniland
Wales		792	270	1062	78	17	8	Mr. W. Taylor
„		1352	410	1762	185	7	4	Mr. A. Wigmore
Totals	3031	4423	2124	9578	787	19	11	

(x) Note.—Contract terminated on April 15th last.

The figures as to loads removed are given by the Contractors.

The refuse is not weighed, but I am of opinion that the refuse does not average a ton per load.

Disinfection.

Upon removal to hospital or recovering of a patient after suffering from an infectious disease, the clothing and premises are forthwith disinfected. The bedding being disinfected by steam at Swallownest Isolation Hospital, while the premises are disinfected with formalin, using both liquid, in the form of a spray, and tablet, in the form of a lamp, for this disinfection. Number of visits to premises where infectious disease occurred 513. Houses disinfected 192; Schools disinfected 9.

Canal Boats.

Several visits were made to the canal during the year, but no boat was seen. The tunnel between Killamarsh and Kiveton Park which fell in, in 1909, has not been repaired, thus preventing the canal from being but very little used. No application for registration was made during the year.

Sale of Food and Drugs Act.

Twenty-seven samples of milk have been taken and sent to the County Analyst at Bradford for analysis, who certified the samples as follows:—

Genuine	...	...	...	24
*0.87 per cent. deficient in milk-fat	...			1
*2.1 per cent. of added water together with				
0.12 per cent. deficient in milk-fat	...			1
4.4 per cent. of added water	...	...		1
			Total	27

* Samples taken "informally."

The "informal" samples were followed up as early as possible with "Formal" samples, and these were found to be genuine. Proceedings were not taken against the vendor of the sample with 4.4 parts per cent. of added water, but he (the vendor) received a caution.

Water Supply.

The Parishes of Anston, Dinnington, Harthill-with-Woodall, Thorpe Salvin, Todwick and Wales are supplied with water through water drains extended from the Sheffield supply. Harthill has a private supply, known as the "Burr Well Supply," but the Council have recently succeeded in coming to an agreement with the Owner for transfer of this latter supply, and in future Harthill will be supplied with water through the Council only. Samples of water from existing wells have been sent for analysis and many cottages without a proper supply of water being provided, were connected up during the year. Number of houses connected with water mains during the year (not including new houses) 215; samples of water sent for analysis 35: certified as unfit or unsatisfactory for dietetic purposes 18; statutory notices served to obtain a supply of water 90.

Common Lodging Houses.

There are two common lodging houses in the district, both situated at Dinnington. These are registered for 35 and 17 adults respectively. Both have been regularly inspected and generally found to be in a clean and tidy condition. No case of infectious disease was notified during the year. Number of inspections 28; defects remedied 4.

Dairies, Cowsheds and Milkshops.

There are 79 cowkeepers in the district, and five milkshops. All have been inspected and improvements carried out in several instances; in one case an entirely new cowshed has been built.

The approximate number of cows housed is 547. Three notifications were received under Article 2 of the Diseases of Animals Acts (Tuberculosis Order of 1913); the premises being thoroughly cleansed and lime-washed after removal of the carcasses. Number of inspections 182; defects remedied (including lime-washing) 43; new cowsheds built, one.

Slaughter Houses.

There are 18 licensed slaughter houses in the district. These were regularly visited and generally found to be in a satisfactory condition. Number of inspections 314; defects remedied 4; new slaughter houses built, one. The shops and places used for the sale of meat and other foods have also been frequently visited and inspected, the quality of food exposed for sale was usually found to be very good. No seizures were made during the year, but there were 11 stones of mussels, one carcase of a pig, one hamper of sprouts, one hamper of cabbage, 19 lbs. of cod fish, 10 lbs. of beef, and nine lbs. of hake, surrendered as unfit for human food during the year.

Factory and Workshop Act, 1901.

There are 74 factories, workshops, and workplaces on the register. These have been visited at intervals, and any defects found upon inspection remedied. Number of inspections 168; defects remedied 22.

Petroleum Acts 1871 to 1881.

Licences have been granted for the keeping or selling of petroleum and carbide of calcium as follows:—

Parish	Petroleum		Carbide of Calcium	
	Number of licences granted	Quantity of Petroleum in gallongs	Number of licences granted	Quantity of Carbide in cwts.
Anston	3	200	2	15
Dinnington	2	150	1	20
Harthill... ..	1	50	6	32
Thorpe Salvin	3	230	2	10
Todwick			1	2
Thropham			1	20
Wales	1	80		
Woodsetts	4	320	1	10
Totals	14	1030	14	109

Conclusion.

In conclusion, I again beg to thank the Sanitary Committee for their kind consideration on all matters brought forward during the year. The standard of housing and sanitary condition of the

district generally has been much improved. These results could not have been obtained except by the help of the Medical Officer of Health and the Council.

I am, gentlemen, your obedient servant,

L. B. GODDARD, A.R.S.I., M.S.I.A.
Sanitary Inspector.

Council Offices,
Kiveton Park.

February, 1915.

England and Wales. A comparison of Vital Statistics.
Birth-rate, Death-rate, and Infantile Mortality, during the year
1914. (Provisional Figures).

	Annual rate per 1000 Living			Deaths under one year to 1000 Births
	Births	Deaths		
		Crude	Stand- ardised	
England and Wales	23.6	13.9	13.6	105
97 great towns including London...	24.9	14.6	14.9	113
145 smaller towns	23.6	12.8	12.9	104
England and Wales less the 242 Towns ...	21.9	13.3	12.2	93
London	24.6	14.4	14.4	103
Kiveton Park Rural District	31.53	13.99	12.83	112

TABLE C. 1914.

KIVETON PARK SANITARY DISTRICT.

Water Supply.

Any developments during 1914? Extension of Water Mains at Anston and Dinnington.

Any insufficiency, and where? No.

Any curtailment? No.

Did any wells fail, and where? No.

Any unsatisfactory quality, and where? * Yes, wells in various parts of district—condemned and closed.

Any unchecked plumbo-solvent action? No.

Drainage and Sewerage.

Any developments during 1914? New Surface Water Sewer at Dinnington.

Developments still needed as to (a) Want of Sewers? Extension of Sewers at Anston and Dinnington. (b) Improvement of defective Sewers? No.

Any inadequacy of Sewerage Disposal Works or complaints as to smells? Work of extending the Sewage Disposal Works at Dinnington and Wales to commence shortly.

No. of sink-wastes disconnected during 1914, repaired 100, trapped 18.

Proportion of sink-wastes still needing disconnection, none. Untrapped none.

Closet Accommodation.

No. of Privies with open middens, 8. No. of Pail or Tub Closets, 1689.

No. of Privies with covered middens, 302. No. of Water Closets, 725. Waste-water Closets, 33.

Are proper doors and coverings generally provided? Yes.

No. of Privies re-constructed during 1914—(a) as w.c.'s 25; (b) other 27.

No. of additional Closets provided for old property in 1914—(a) w.c.'s 6.

Other, none.

No. of Closets constructed in 1914 for new houses—(a) w.c.'s 116.

Other 2.

Scavenging.

How is refuse disposed of (a) Destructor—Yes. (b) Tips—Yes. (c) Farmers—Yes. Total annual cost £787 19s. 11d.

Any change during 1914? Harthill village now scavenged.

Nuisance Inspections.

Total No. of Inspections made in 1914, 3086.

Informal Notices served 602. Complied with 557.

Statutory Notices served 787. Complied with 732.

Total No. of Nuisances in hand at close of 1913, 275; at close of 1914, 122.

Total No. of Nuisances reported during 1914, 738. Abated during 1914, 1040.

Total No. of Summonses or other legal proceedings, none.

Regulated Buildings, Trades, &c.	No. in Dis- trict	No. on Regis- ter	Total No. of Inspec- tions made	General Condition?	Legal Proceed- ings (if any)
Common Lodging Houses ...	2	2	28	Clean and in good repair	none
Canal Boats				little used	

Have the Council declared any other processes to be offensive trades, *e.g.*, Fish-frying, Maggot-breeding, &c.? No.

Schools.

No. of Elementary Schools in District, 11. No. of Visits to Schools, 14.

Action taken. School closure recommended when necessary, disinfection, distribution of leaflets.

Milk Supply.

No. of samples taken by Officers of S.A. for analysis under F. & D. Acts, 27. No. adulterated, 3.

No. of samples taken by Officers of S.A. for bacteriological examination, none.

What arrangements for Veterinary Inspection of dairy cows? Called in if required.

No. of animals notified by Police during 1914 under Tuberculosis Order, 1913, 3.

Any action thereon by S.A., *e.g.*, to ascertain if cowsheds affected were satisfactory? Inspection.

Any instance of disease attributed to milk in 1914? No.

No. of Cowkeepers in district 79. No. Registered 79.

No. of Milk Sellers who are also Cowkeepers 25. No. who are Purveyors only 11. Total No. Registered 90.

Total No. of Cowsheds 103. No. of Inspections in 1914, 182. General condition, good.

Approximate No. of Milch Cows in district, 547. Any insufficiency in Milk Supply? No.

Legal proceedings under D.C.M. Orders, None.

Any Inspection or other action by districts to which Milk is sent? No.

Other Foods.

No. of samples (other than milk) taken by Officer of S.A. for examination under the Food and Drugs Acts, none. No. adulterated, none.

No. of seizures of unsound food, none. Kind and quantity, none. No. of Prosecutions, none.

No. of Slaughter houses, 18. No. Registered, 18. Kind and condition, Good.

No. of Prosecutions (a) Food and Drugs, none. (b) Unsound Food, none. (c) re Slaughter Houses, none.

Factories and Workshops.

Any Smoke nuisance, and where? Yes, at Dinnington.

No. of Smoke observations taken, 2. No. of cautions, 2. Legal notices, none. Summonses, none.

Adoptive Acts.

Acts adopted during 1914—Public Health Act (Amendment) 1907 (Parts 2, 3, 4 and 5, except Sections 39, 40, 41 and 42 of Part 3). Private Street Works Act, 1892.

For Rural Districts—Any Urban Powers obtained in 1914? Yes, in respect of widening Outgang Lane, Dinnington.

Byelaws and Regulations.

Any adopted during 1914, none.

Are any other Bye-laws needed? None at present.

Infectious and other Diseases.

What diseases have been specially prevalent in 1914? Scarlet Fever, Diphtheria, Measles and Whooping Cough.

What special action to combat same? Removal to hospital of scarlet fever and diphtheria, School closure, disinfection, distribution of leaflets.

Is Hospital accommodation adequate and sufficient? Not during an epidemic.

What arrangement for the supply of antitoxin? Supply kept by Sanitary Inspector.

Any disease specially added to notifiable list? None.

Any influences threatening the health of the District? None.

Special Reports and Investigations.

Housing accommodation in the District, Local Government Board Inquiries at Dinnington and Wales. Scavenging at Dinnington.

Tuberculosis.

(1) Inspection of patient's home and workshop? Yes. (2) Examination for contacts? Yes. (3) Disinfection? Yes. (4) Distribution of advice leaflets? Yes. (5) Action *re* spitting? Yes. (6) Shelters provided? None. (7) Is sputum examined? Yes.

Bacteriology.

Is County Laboratory utilized? Yes. Any suggestions? Result of examination be sent to practitioners by telegram instead of by letter.

Infant Mortality.

What organised effort to control it? Nurse appointed by the County Council.

Any Baby Clinic, Baby's Welcome, or Mother's League? No.

Causes of any excessive Infant Mortality in 1914? Nil.

Vital Statistics.

BIRTHS during 1914, Males 251. Females 211. Total 462.

No. Illegitimate included in above 9. No. of Still Births (not included) 1.

DEATHS during 1914—(1) Gross Deaths, *i.e.*, Totals actually registered in the District without any correction, 188. (2) Nett Deaths on which the rates are calculated—Males 107; Females 98. Total 205.

No. of uncertified deaths (included above), 4.

Miscellaneous.

Mean Temperature for 1914, 49.8. Rainfall, 21.60.

What Mortuary accommodation—(a) for accidents, None at present.

(b) For infectious cases other than at Hospital, none.

No. of Burial Grounds, 11. Any need for extension? No.

Are there any ill-placed fowl runs in the District? Yes.

Any nuisance therefrom or action in relation thereto? Yes.

Sanitary Staff.

What is the present Annual Salary of the M.O.H.? £80.

Name of Sanitary Inspector:—L. B. Goddard. Annual Salary as Inspector, £140. Other appointments held, none. Any Assistants? No. Is Staff sufficient? Yes.

Supplementary Remarks.

“Burr Well” Private Water Supply at Harthill transferred to Council.

Council have requested the Hospital Committee to extend the Isolation Hospital.

Council have resolved to build a Mortuary at Dinnington.

Public conveniences have been provided at Dinnington and Wales.

The Housing question is under consideration and attempts are being made to encourage private enterprise to provide working class dwellings where required. Good results have been obtained already in three parishes of the district.

KIVETON PARK RURAL DISTRICT.

SUMMARY OF HOUSING WORK DURING 1914.

Table shewing action under Sections 15, 17 and 18 of the Housing, Town Planning, &c., Act, 1909, and the Housing (Inspection of District), Regulations, dated September 2nd, 1910, or matters arising therefrom.

Houses with defects not disposed of at end of 1913	Houses inspected under the Act and Regulations in 1914				Action under Section 15								Action under P.H. Acts in cases of houses with minor defects not remediable under Section 15, owing to the tenancy having commenced before Dec. 3rd, 1909								Action under Section 17								Houses with defects not disposed of at end of 1914		
	Houses not reasonably fit for human habitation. (Section 15)	Houses totally unfit for human habitation. (Section 17)	Houses with minor defects. (Public Health Acts)		Houses found not reasonably fit for human habitation	Houses for which notices were given to execute works	Houses in respect of which notices were satisfactorily complied with	Houses found with defects	Houses made fit after preliminary notice	Houses in regard to which notices were served to remedy defects	Houses made fit after notice		Houses found to be totally unfit for habitation	Houses represented to Local Authority as being totally unfit for human habitation	Houses in respect of which closing orders were made	Houses closed as unfit for human habitation after closing orders were made	Houses made fit for human habitation after closing order was made, for which the Local Authority determined the order	Houses demolished voluntarily	Houses for which demolition orders were made		Houses not reasonably fit for human habitation (Section 15)	Houses with minor defects. (Public Health Acts)	Houses totally unfit for human habitation. (Section 17)								
	50	3	32	945	386	210	210	210	239	324	76	211	237	25	25	25	2	11	31	43	24										

Name and address of Officer designated to make inspections under Article II, of Housing (Inspection of District) Regulations, 1910? L. B. Goddard, Council Offices, Kiveton Park.

Any regulations made in respect of underground sleeping rooms under Section 17 (7)? No.

Any action in respect of such rooms? None.

Other Action in regard to Housing.

Any scarcity of houses, if so, where? Yes, Anston, Dinnington, Harthill, Wales and Woodsetts.

Any overcrowding of persons in houses, and where? Yes, Anston, Dinnington, Harthill, Wales and Woodsetts.

No. of cases of overcrowding dealt with during 1914, 35.

Any special activity in house building, and where? Yes. Dinnington, Kiveton Park and Anston,

Number of new Houses built during 1914 (a) Working-class dwellings 111; (b) Other 7.

Are Sanitary Authority contemplating erection of working-class dwellings? Not at present.

Town Planning.

Any scheme prepared during 1914? None.

Any scheme contemplated? No.

J. DOOLEY,

Deputy Medical Officer of Health.

March 9th, 1915.

